

**APPENDIX**

**ABSTRACT OF THE DISCLOSURE**

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A method for the production and processing of alloyed casting material for a working part of an indefinite chill roll, a corresponding casting material and a composite indefinite chill roll incorporating the casting material. The method comprises providing a melt of a certain composition, casting the melt and subjecting the resultant body to a heat treatment. The composition of the melt is adjusted so as to afford a certain graphite and carbide distribution.